

10/015,637

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☐ 1. Document ID: US 6653463 B1

L1: Entry 1 of 13

File: USPT

Nov 25, 2003

US-PAT-NO: 6653463

DOCUMENT-IDENTIFIER: US 6653463 B1

TITLE: Biocidal protein

DATE-ISSUED: November 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Ching-San	Taipei			TW
Chen; Kuan-Chung	Changhua			TW
Kuan; Cheng-Chun	Taipei			TW
Lin; Ching-Yu	I-Lan			TW

US-CL-CURRENT: [536/23.6](#); [435/320.1](#), [435/69.1](#), [536/23.1](#), [536/23.5](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draw. De
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☐ 2. Document ID: US 6339185 B1

L1: Entry 2 of 13

File: USPT

Jan 15, 2002

US-PAT-NO: 6339185

DOCUMENT-IDENTIFIER: US 6339185 B1

TITLE: Plant termination sequence

DATE-ISSUED: January 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Gebze-Kocaeli			TR
Willis; Joe W.	Florence	NJ		

US-CL-CURRENT: [800/278](#); [435/69.1](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 3. Document ID: US 6171864 B1

L1: Entry 3 of 13

File: USPT

Jan 9, 2001

US-PAT-NO: 6171864

DOCUMENT-IDENTIFIER: US 6171864 B1

**** See image for Certificate of Correction ****

TITLE: Calreticulin genes and promoter regions and uses thereof

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coughlan; Sean J.	Des Moines	IA		
Winfrey, Jr.; Ron J.	Johnston	IA		

US-CL-CURRENT: 435/469; 435/252.3, 435/410, 435/415, 435/416, 435/419, 435/426,
435/428, 435/69.1, 536/23.6, 536/24.1, 800/278, 800/287

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: US 6069299 A

L1: Entry 4 of 13

File: USPT

May 30, 2000

US-PAT-NO: 6069299

DOCUMENT-IDENTIFIER: US 6069299 A

**** See image for Certificate of Correction ****

TITLE: Fungus and insect control with chitinolytic enzymes

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broadway; Roxanne M.	Phelps	NY		
Harman; Gary E.	Geneva	NY		

US-CL-CURRENT: 800/279; 435/200, 435/252.3, 435/320.1, 435/418, 435/419, 435/468,
435/69.1, 536/23.7, 800/288, 800/298, 800/302, 800/306, 800/307, 800/308, 800/309,
800/310, 800/312, 800/313, 800/314, 800/320, 800/321, 800/323

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 5. Document ID: US 6015891 A

L1: Entry 5 of 13

File: USPT

Jan 18, 2000

US-PAT-NO: 6015891

DOCUMENT-IDENTIFIER: US 6015891 A

**** See image for Certificate of Correction ****

TITLE: Synthetic insecticidal crystal protein gene having a modified frequency of codon usage

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Athens	GA		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: 536/23.71; 435/440, 435/468

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 6. Document ID: US 6013523 A

L1: Entry 6 of 13

File: USPT

Jan 11, 2000

US-PAT-NO: 6013523

DOCUMENT-IDENTIFIER: US 6013523 A

**** See image for Certificate of Correction ****

TITLE: Transgenic plants comprising a synthetic insecticidal crystal protein gene having a modified frequency of codon usage

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Madison	WI		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: 435/419; 536/23.71

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 7. Document ID: US 5744334 A

L1: Entry 7 of 13

File: USPT

Apr 28, 1998

US-PAT-NO: 5744334

DOCUMENT-IDENTIFIER: US 5744334 A

**** See image for Certificate of Correction ****

TITLE: Plant promoter useful for directing the expression of foreign proteins to the plant epidermis

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Ardsley	PA		

US-CL-CURRENT: 800/287; 435/320.1, 435/410, 435/419, 435/69.1, 435/70.1, 536/24.1,
800/294

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 8. Document ID: US 5646333 A

L1: Entry 8 of 13

File: USPT

Jul 8, 1997

US-PAT-NO: 5646333

DOCUMENT-IDENTIFIER: US 5646333 A

**** See image for Certificate of Correction ****

TITLE: Plant promoter useful for directing the expression of foreign proteins to the plant epidermis

DATE-ISSUED: July 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Ardsley	PA		

US-CL-CURRENT: 800/302; 435/320.1, 435/419, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 9. Document ID: US 5604121 A

L1: Entry 9 of 13

File: USPT

Feb 18, 1997

US-PAT-NO: 5604121

DOCUMENT-IDENTIFIER: US 5604121 A

TITLE: Proteins with insecticidal properties against homopteran insects and their use in plant protection

DATE-ISSUED: February 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hilder; Vaughan A.	Durham			GB3
Gatehouse; Angharad M. R.	Durham			GB3

Powell; Kevin	Durham	GB3
Boulter; Donald	Durham City	GB3

US-CL-CURRENT: [424/94.4](#); [424/405](#), [424/418](#), [514/8](#), [536/23.6](#), [536/24.1](#), [800/278](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw'g
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☐ 10. Document ID: US 5567862 A

L1: Entry 10 of 13

File: USPT

Oct 22, 1996

US-PAT-NO: 5567862

DOCUMENT-IDENTIFIER: US 5567862 A

**** See image for Certificate of Correction ****

TITLE: Synthetic insecticidal crystal protein gene

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Madison	WI		
Rocheleau; Thomas A.	Madison	WI		
Merlo; Donald J.	Madison	WI		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: [800/302](#); [435/418](#), [435/468](#), [435/69.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw'g
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L1 281 S ARCELIN
L2 9 S SOYBEAN AND L1
L3 9 DUP REM L2 (0 DUPLICATES REMOVED)
L4 81321 S GLYCINE MAX
L5 10 S L1 AND L4
L6 10 DUP REM L5 (0 DUPLICATES REMOVED)

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and June 2004
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NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
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NEWS 8 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004
Conference
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SDIs in CAplus
NEWS 10 May 27 CAplus super roles and document types searchable in REGISTRY
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AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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=> s arcelin

L1 281 ARCELIN

=> s soybean and l1

L2 9 SOYBEAN AND L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 9 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 1-9

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:120971 CAPLUS

DN 140:177318

TI Plant genes for sequence homologs of phytol kinase of tocopherol
biosynthesis and their use in engineering plant tocopherol profiles and
drought resistance

IN Norris, Susan R.; Lincoln, Kim; Abad, Mark Scott; Eilers, Robert;
Hartsuyker, Karen Kindle; Hirschberg, Joseph; Karunanandaa, Balasulojini;
Moshiri, Farhad; Stein, Joshua C.; Valentin, Henry E.; Venkatesh,
Tyamagondlu V.

PA Monsanto Technology, Llc, USA; et al.

SO PCT Int. Appl., 189 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2004013312	A2	20040212	WO 2003-US25276	20030805
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004045051	A1	20040304	US 2003-634548	20030805
PRAI	US 2002-400689P	P	20020805		
	US 2003-634548	A	20030805		

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:777826 CAPLUS

DN 139:287347

TI cDNAs encoding homogentisate prenyltransferase sequence homologs and their
use in improving tocopherol synthesis in transgenic plants

IN Valentin, Henry E.; Venkatesh, Tyamagondlu V.; Karunanandaa, Balasulojini

PA Monsanto Technology, LLC, USA

SO PCT Int. Appl., 217 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080647	A2	20031002	WO 2003-US8468	20030318
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003213017	A1	20031113	US 2003-391363	20030318
PRAI	US 2002-365202P	P	20020319		
	US 2003-391363	A	20030318		

L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:154561 CAPLUS
DN 138:200982
TI Plant genes encoding methyltransferase products involved in tocopherol biosynthesis and their use in transforming plants for modified tocopherol composition
IN Van Eenennaam, Alison; Valentin, Henry E.; Karunanandaa, Balasulojini; Hao, Ming; Aasen, Eric; Levering, Charlene
PA Monsanto Technology LLC, USA
SO PCT Int. Appl., 218 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016482	A2	20030227	WO 2002-US26047	20020816
	WO 2003016482	A3	20040219		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003154513	A1	20030814	US 2002-219810	20020816
	EP 1427832	A2	20040616	EP 2002-766004	20020816
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRAI	US 2001-312758P	P	20010817		
	WO 2002-US26047	W	20020816		

L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:737442 CAPLUS
DN 139:256281
TI Expression of chimeric epidermal growth factor fusion with oil body

protein in plant seeds
 IN Moloney, Maurice M.; Van Rooijen, Gijs
 PA Sembiosys Genetics Inc., Can.
 SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. Appl. 2003 126,631.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 9

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003177537	A1	20030918	US 2002-324131	20021220
	US 5650554	A	19970722	US 1994-366783	19941230
	US 5948682	A	19990907	US 1997-846021	19970425
	US 2003126631	A1	20030703	US 2001-893525	20010629
PRAI	US 1991-659835	B2	19910222		
	US 1993-142418	B2	19931116		
	US 1994-366783	A2	19941230		
	US 1997-846021	A2	19970425		
	US 2001-893525	A2	20010629		
	US 1998-210843	A2	19981218		

L3 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:610132 CAPLUS
 DN 139:175849
 TI Plant genes for sequence homologs of methyltransferases of tocopherol biosynthesis and their use in engineering plant tocopherol profiles
 IN Norris, Susan R.; Lincoln, Kim; Stein, Joshua C.; Valentin, Henry E.; Van Eenennaam, Alison
 PA USA
 SO U.S. Pat. Appl. Publ., 149 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003150015	A1	20030807	US 2002-279029	20021024
	WO 2003034812	A3	20040226	WO 2002-US34079	20021024
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-330563P	P	20011025		

L3 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:376457 CAPLUS
 DN 138:380481
 TI Sequences of **soybean** seed specific 7Sa promoters and use for expressing genes in plants
 IN Wang, Qi; Dubois, Patrice
 PA USA
 SO U.S. Pat. Appl. Publ., 38 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003093828	A1	20030515	US 2002-235618	20020905
	WO 2003020016	A2	20030313	WO 2002-US30374	20020905
	WO 2003020016	A3	20040506		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-316975P	P	20010905		

L3 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:869049 CAPLUS
DN 137:364398
TI Genetic vector comprising Arabidopsis adenylate transporters and uses in increasing tocopherol in transgenic plant
IN Valentin, Henry E.; Voelker, Toni; Zheng, Wei; Savage, Thomas J.
PA Monsanto Technology LLC, USA
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002090506	A2	20021114	WO 2002-US14445	20020509
	WO 2002090506	A3	20040226		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003176675	A1	20030918	US 2002-137310	20020503
	US 2003148300	A1	20030807	US 2002-141478	20020509
	EP 1411761	A2	20040428	EP 2002-769376	20020509
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	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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L1 281 S ARCELIN
L2 9 S SOYBEAN AND L1
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